

WHAT IS CLAIMED IS:

1. A sensor in a car window, comprising:

a lens that is provided on the inner side of a sloping windowpane to condense light coming from an object to be detected that is located outside the windowpane;

a sensor main body that detects the object to be detected by means of the light that has passed through the lens; and

a transparent member that is provided between the windowpane and the lens to refract the light from the object to be detected that has passed through the windowpane.

2. A sensor in a car window according to Claim 1, wherein the area between the windowpane and the lens is covered by a hood for blocking unwanted light coming from other than an object to be detected.

3. A sensor in a car window according to Claim 1, wherein the transparent member is disposed in parallel to the windowpane.

4. A sensor in a car window according to Claim 1, wherein a light-shielding member for blocking unwanted light coming from other than an object to be detected is provided between the windowpane and the lens.

5. A sensor in a car window according to Claim 1, wherein the transparent member is attached to the windowpane by a light transmitting adhesive agent.

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